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**1** [Knowledge and tools in building GRANDJUR 1.1](#)
[R. D. Purdy](#)
May 1989 **ICAIL '89**: Proceedings of the 2nd international conference on Artificial inte**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (549.25 KB)

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This paper will describe selected aspects of the first phase of GRANDJUR, an ongoing prosecutors in preparing cases and selecting charges for presentation to a grand jury tried to identify, categorize, ...

**2** [Orwell—a configuration management system for team programming](#)
[Dave Thomas, Kent Johnson](#)
January 1988 **OOPSLA '88**: Conference proceedings on Object-oriented programming sy applications**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (859.24 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cit](#)**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 17, Downloads (Overall): 37

In this paper, we describe the design and implementation of Orwell, a configuration r multiperson Smalltalk projects. Although the system described has been implemente design is applicable to other languages such ...

Also published in:

November 1988 **SIGPLAN Notices** Volume 23 Issue 11**ADVANCED SEARCH** [Advanced Search](#)**FEEDBACK**

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**3** [The evolution of a Source Code Control System](#)
[Alan L. Glasser](#)

January 1978 Proceedings of the software quality assurance workshop on Functional and

**Publisher:** ACM

Full text available: Pdf (423.09 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cit](#)**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 51, Downloads (Overall): 22

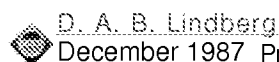
The Source Code Control System (SCCS) is a system for controlling changes to files c source code and documentation of software systems). It is an integral part of a softw maintenance system known as the Programmer's ...

Also published in:

November 1978 **SIGMETRICS Performance Evaluation Review** Volume 7 Issue 3-4November 1978 **SIGSOFT Software Engineering Notes**

Volume 3 Issue 5

**4** [In praise of computing](#)



D. A. B. Lindberg

December 1987 Proceedings of ACM conference on History of medical informatics

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (499.50 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [info](#)**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 131, Downloads (Overall):

I shall describe briefly some early work in applying computing systems to clinical laboratory medical records problems. If we compare the early work with what can be done now, examples of enormous improvements in speed ...

##### 5 [An implementation of the ACM/SIGGRAPH proposed graphics standard in a multiprocessor system](#)

Richard G. Kellner, Theodore N. Reed, Ann V. Solem

August 1978 **SIGGRAPH '78**: Proceedings of the 5th annual conference on Computer graphics techniques**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (387.97 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [info](#)**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 19, Downloads (Overall): 16

Los Alamos Scientific Laboratory (LASL) has implemented a graphics system designed to provide a common interface for all graphics devices in all operating environments at LASL. The Common Graphics System will support Level One of the graphics standard ...

**Keywords:** Computer graphics, Device-independent graphics, Portability, Pseudodevice

Also published in:

August 1978 **SIGGRAPH Computer Graphics** Volume 12 Issue 3

##### 6 [Evaluation of machine translation](#)

[John S. White, Theresa A. O'Connell, Lynn M. Carlson](#)March 1993 **HLT '93**: Proceedings of the workshop on Human Language Technology**Publisher:** Association for Computational Linguistics

Full text available: Pdf (425.75 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [info](#)**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 24, Downloads (Overall): 16

This paper reports results of the 1992 Evaluation of machine translation (MT) system initiative and results of a Pre-test to the 1993 Evaluation. The DARPA initiative is unique in that the systems differ radically in languages ...

##### 7 [A compiler-directed cache coherence scheme with improved intertask locality](#)

[Lynn Choi, Pen-Chung Yew](#)December 1994 **Supercomputing '94**: Proceedings of the 1994 conference on Supercomputing**Publisher:** IEEE Computer Society Press

Full text available: Pdf (951.35 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [info](#)**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 9, Downloads (Overall): 97,

In this paper, we introduce a compiler-directed coherence scheme which can exploit spatial locality across task boundaries. It requires only an extended tag field per cache line and a memory access instruction, and a ...

##### 8 [An intelligent procedure assistant built using REGULUS 2 and ALTERF](#)


[Manny Rayner, Beth Ann Hockey, Jim Hieronymus, John Dowding, Greg Aist, Susana E. Aist](#)July 2003 **ACL '03: Proceedings of the 41st Annual Meeting on Association for Computational Linguistics - Volume 2**, Volume 2**Publisher:** Association for Computational Linguistics

Full text available:  Pdf (70.41 KB)Additional Information: [full citation](#), [abstract](#), [references](#)**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 12, Downloads (Overall): 44


We will demonstrate the latest version of an ongoing project to create an intelligent p  
use by astronauts on the International Space Station (ISS). The system functionality  
control of navigation, coordinated ...

**9** [Inheritance semantics for computer-aided design databases](#)[Randy H. Katz](#)September 1986 **OODS '86:** Proceedings on the 1986 international workshop on Object-  
systems**Publisher:** IEEE Computer Society PressFull text available:  Pdf (103.58 KB)Additional Information: [full citation](#), [abstract](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 4, Downloads (Overall): 89,

A number of papers have appeared recently that present object-oriented data models  
computer-aided design databases. A key aspect of these is support for some notion c  
often adopted from Smalltalk-80's object model. ...



**10** [Doe software: scientific and engineering software for sharing](#) [Paul L. Johnson](#)September 1985 **SI GUCCS '85:** Proceedings of the 13th annual ACM SI GUCCS conferenc  
pulling it all together**Publisher:** ACM  [Request Permissions](#)Full text available:  Pdf (237.29 KB)Additional Information: [full citation](#), [abstract](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 5, Downloads (Overall): 45,

This presentation describes the methods used by the National Energy Software Cente  
of DOE software. The focus of the presentation will be on the materials requested of  
software screening procedure. The ...

**11** [NEATER2: a PL/I source statement reformatter](#) [Kenneth Conrow, Ronald G. Smith](#)November 1970 **Communications of the ACM**, Volume 13 Issue 11**Publisher:** ACM  [Request Permissions](#)Full text available:  Pdf (733.37 KB)Additional Information: [full citation](#), [abstract](#), [cited by](#)**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 13, Downloads (Overall): 15

NEATER2 accepts a PL/I source program and operates on it to produce a reformatted  
LOGICAL mode, NEATER2 indicates the logical structure of the source program in the  
output. Logic errors discovered through ...

**Keywords:** documentation aid, execution time usage data, logical analysis of PL/I sc  
PL/I source


**12** [InfoSleuth: agent-based semantic integration of information in open and dynamic](#) [R. J. Bayardo, Jr., W. Bohrer, R. Brice, A. Cichocki, J. Fowler, A. Helal, V. Kashyap, T. K](#)  
[Nodine, M. Rashid, M. Rusinkiewicz, R. Shea, C. Unnikrishnan, A. Unruh, D. Woelk](#)June 1997 **SIGMOD '97:** Proceedings of the 1997 ACM SIGMOD international conferen  
data**Publisher:** ACM  [Request Permissions](#)Full text available:  Pdf (1.69 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [cit](#)**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 108, Downloads (Overall):

The goal of the InfoSleuth project at MCC is to exploit and synthesize new technology that retrieves and processes information in an ever-changing network of information its roots in the Carnot project ...

Also published in:

June 1997 **SIGMOD Record** Volume 26 Issue 2

### 13 On-line warehouse view maintenance

 [Dallan Quass, Jennifer Widom](#)

June 1997 **SIGMOD '97**: Proceedings of the 1997 ACM SIGMOD international conference on data

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (1.47 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cite](#)


**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 41, Downloads (Overall): 40

Data warehouses store materialized views over base data from external sources. Client complex read-only queries on the views. The views are refreshed periodically by material which propagate large ...

Also published in:

June 1997 **SIGMOD Record** Volume 26 Issue 2

### 14 Concurrent meld

 [G. E. Kaiser](#)

April 1989 Proceedings of the 1988 ACM SIGPLAN workshop on Object-based concurrent

**Publisher:** ACM

Full text available:  Pdf (293.04 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cite](#)


**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 8, Downloads (Overall): 56,

Our original goal was to design a programming language for writing software engineers most important requirements were reusability and the ability to integrate separately scope was later expanded to general ...

Also published in:

April 1989 **SIGPLAN Notices** Volume 24 Issue 4

### 15 From control effects to typed continuation passing

 [Hayo Thielecke](#)

January 2003 **POPL '03**: Proceedings of the 30th ACM SIGPLAN-SIGACT symposium on programming languages

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (194.95 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cite](#)

**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 27, Downloads (Overall): 26

First-class continuations are a powerful computational effect, allowing the programmer jumping. Types and effect systems can be used to reason about continuations, both in and in the target language of the continuation-passing ...

**Keywords:** continuations, control effects, polymorphism, type and effect systems

Also published in:

January 2003 **SIGPLAN Notices** Volume 38 Issue 1

### 16 Conflict management in a source version management system

 [B. Mack-Crane, A. Pal](#)

November 1989 Proceedings of the 2nd International Workshop on Software configuration management  
**Publisher:** ACM

Additional Information: [full citation](#), [abstract](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall):

To support concurrent development a source version management system must support programmers concurrently accessing shared source code, while maintaining the integrity of the database. This problem is similar to the problem of concurrency ...

Also published in:

November 1989 **SIGSOFT Software Engineering Notes** Volume 14 Issue 7

# 17 [Software process support through software configuration management](#)

[Peter P. FEILER](#)

October 1990 Proceedings of the 5th international software process workshop on Experience with software process models


**Publisher:** IEEE Computer Society Press

Full text available:  [Pdf](#) (258.73 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 62, Downloads (Overall): 26

Software development embodies a range of software processes. Such processes can be modeled by software process models. Two of the reasons for describing software processes through model-based software development are to communicate a particular process to others, ...

# 18 [The Share 709 System: Machine Implementation of Symbolic Programming](#)

 [E. M. Boehm, T. B. Steel, Jr.](#)

April 1959 **Journal of the ACM (JACM)**, Volume 6 Issue 2


**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (388.52 KB) Additional Information: [full citation](#), [abstract](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 40, Downloads (Overall): 14

As emphasized in the preceding paper, a fundamental requirement for effective utilization of modern computing devices such as the 709 is a man-machine communication link that is at once simple and unambiguous. Use of symbolic languages with conventional ...

# 19 [Performance analysis of a fault tolerant computer system](#)

 [Lionel C. Mitchell](#)

April 1990 **SIGMETRICS '90:** Proceedings of the 1990 ACM SIGMETRICS conference on Software performance modeling of computer systems

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (222.99 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 34, Downloads (Overall): 26

This paper presents the description of an analytical queueing network model of a Tanium Processor Subsystem for the 1990s time frame. The model is used to analyze the performance of the FAA Remote Maintenance Monitoring environment and a performance analysis of the Processor Subsystem for the 1990s time frame. The ...

Also published in:

April 1990 **SIGMETRICS Performance Evaluation Review** Volume 18 Issue 1

# 20 [Exploiting versions for on-line data warehouse maintenance in MOLAP servers](#)

[Heum-Geun Kang, Chin-Wan Chung](#)

August 2002 **VLDB '02:** Proceedings of the 28th international conference on Very Large Databases

**Publisher:** VLDB Endowment

Full text available:  [Pdf](#) (681.27 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 28, Downloads (Overall): 56

A data warehouse is an integrated database whose data is collected from several data sources and is used for on-line analytical processing (OLAP). Typically, a query to the data warehouse tends to involve a large volume of data. To keep ...

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